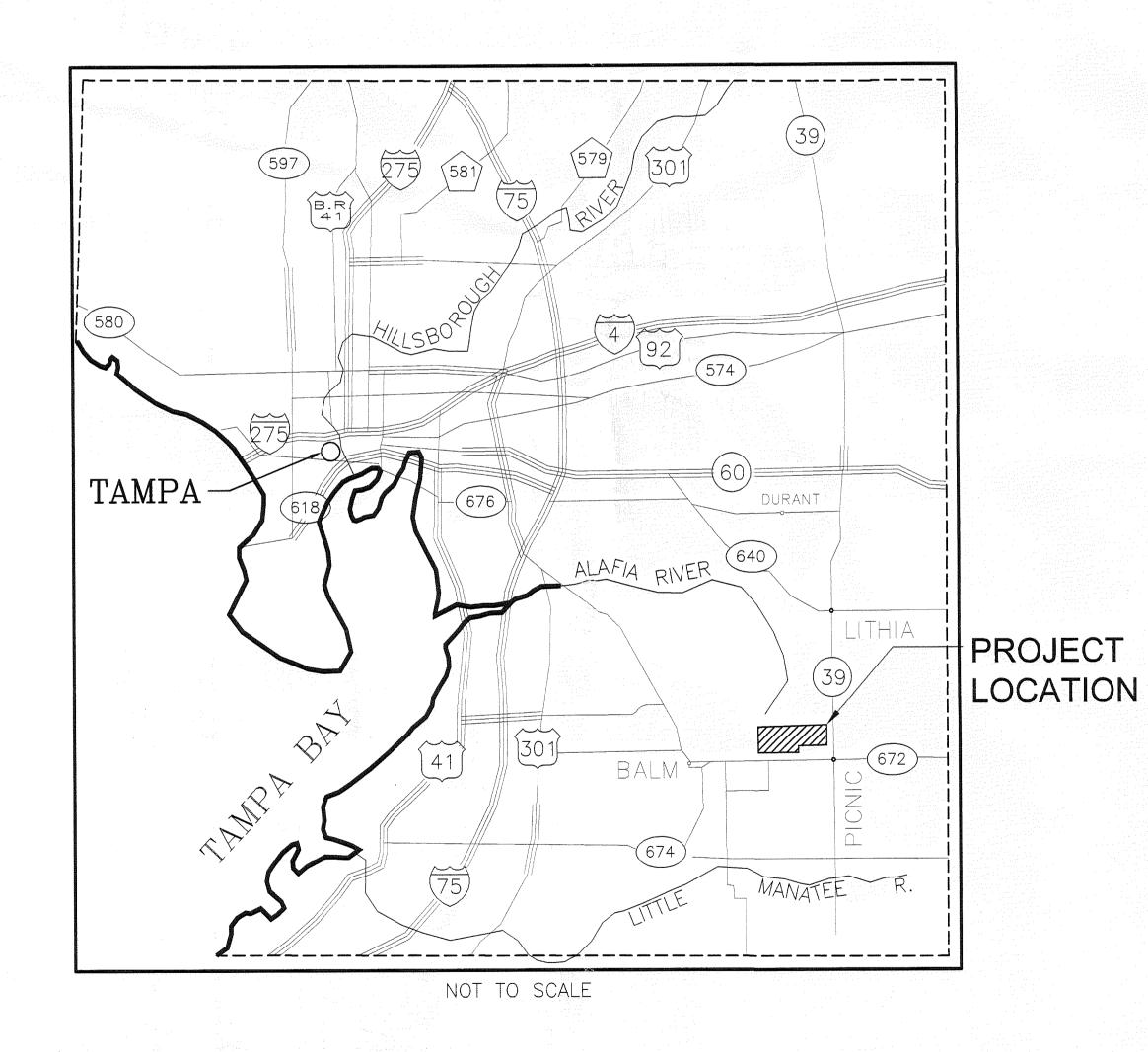


HDR Engineering, Inc. 5426 Bay Center Drive Suite 400 Tampa, FL 33609-3444 HDR CA# 4213





Conceptual Drawings For

SINKHOLE STAGE 5 ISOLATION OF IMPACTED CLAY LINER

INDEX OF DRAWINGS

	。 "你你就 我把她没有这些我都在一个一样的就是是我的。" "我看到这个人的,我们是我们的 一个人,我们就是我们的,我们就是我们的,我们就是我们的人,我们就是我们
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C - 02	EXISTING CONDITIONS
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Project No. 096-193814-002

LITHIA, FLORIDA NOVEMBER 2012



ISSUED FOR REVIEW NOT FOR CONSTRUCTION

JOHNSON

RODRIGUEZ

. KARSHNER

DRAWN BY

DRAWN B'

DRAWN BY

PROJECT NUMBER|0096—193814—00:

5426 Bay Center Drive

Tampa, FL 33609-3444

11/2/2012 | ISSUED FOR REVIEW

DATE

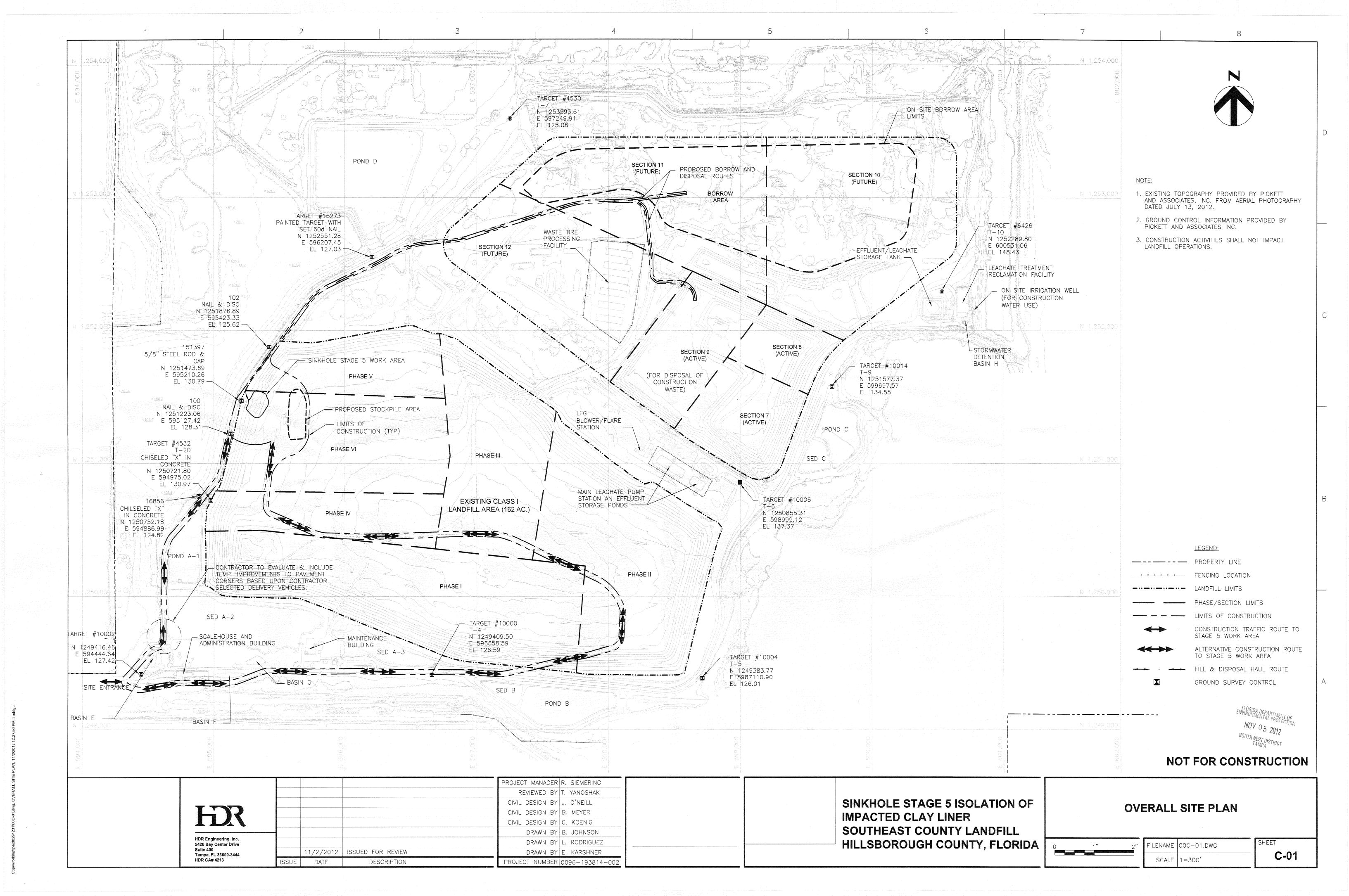
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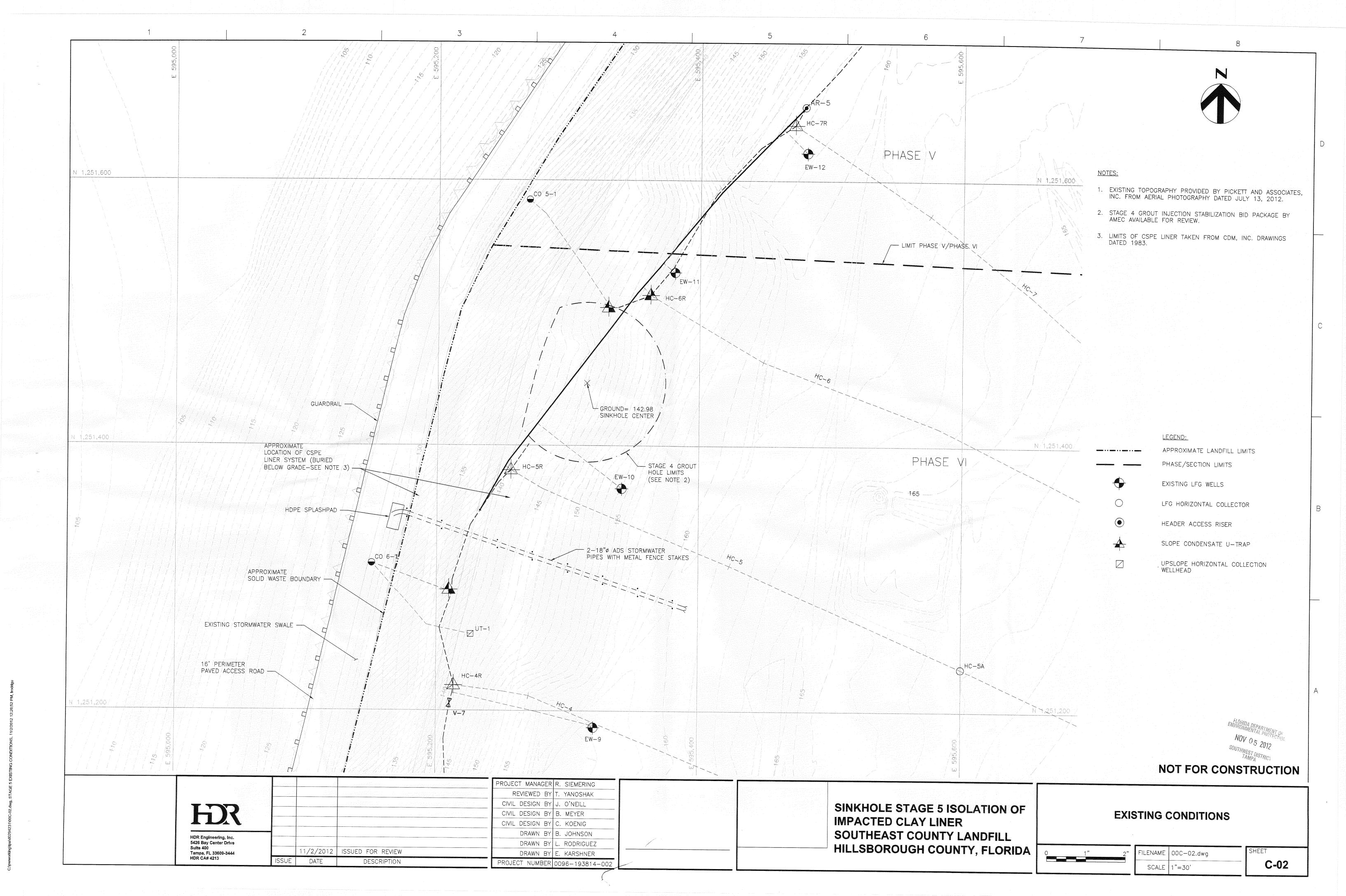
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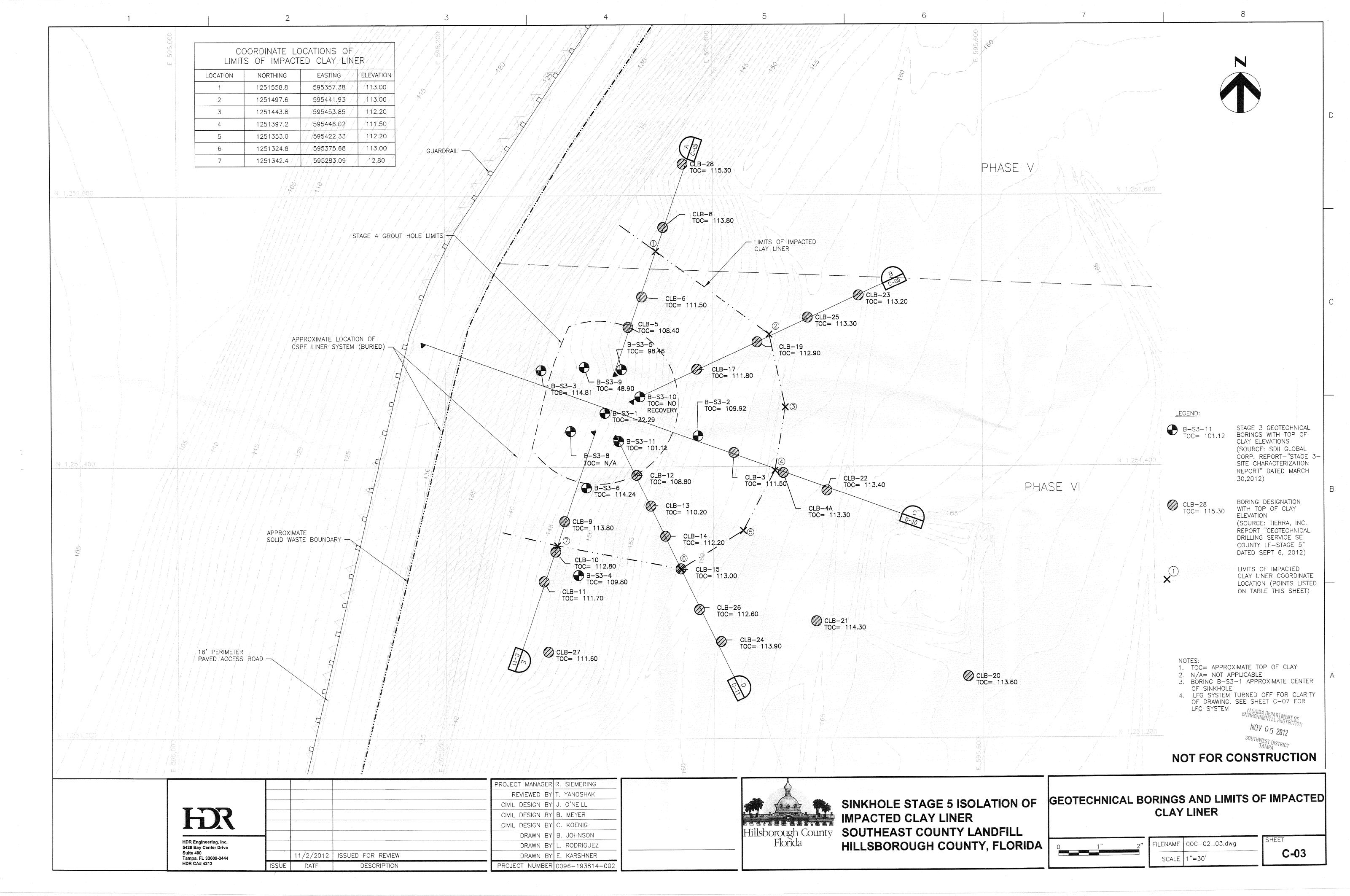
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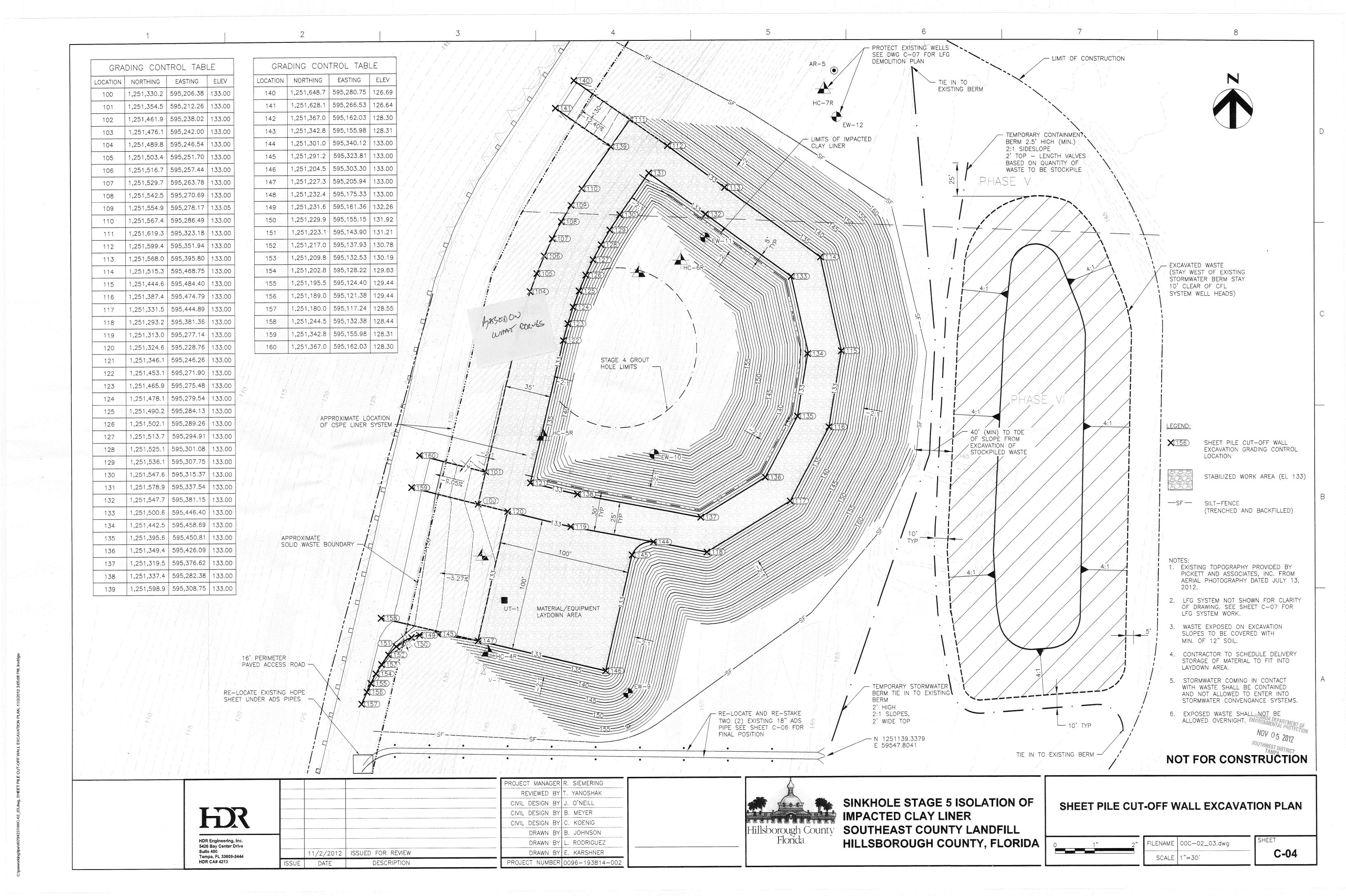
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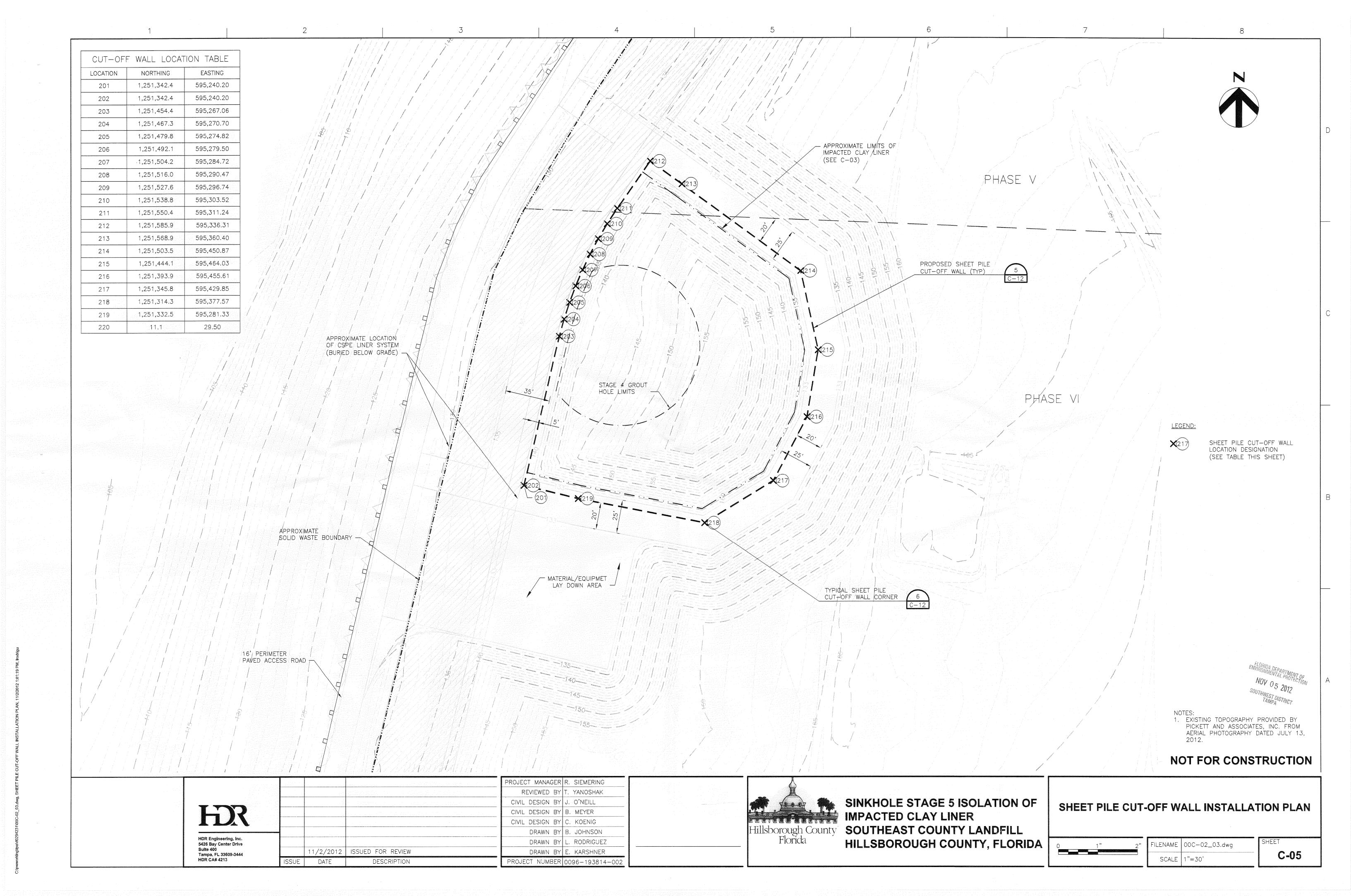


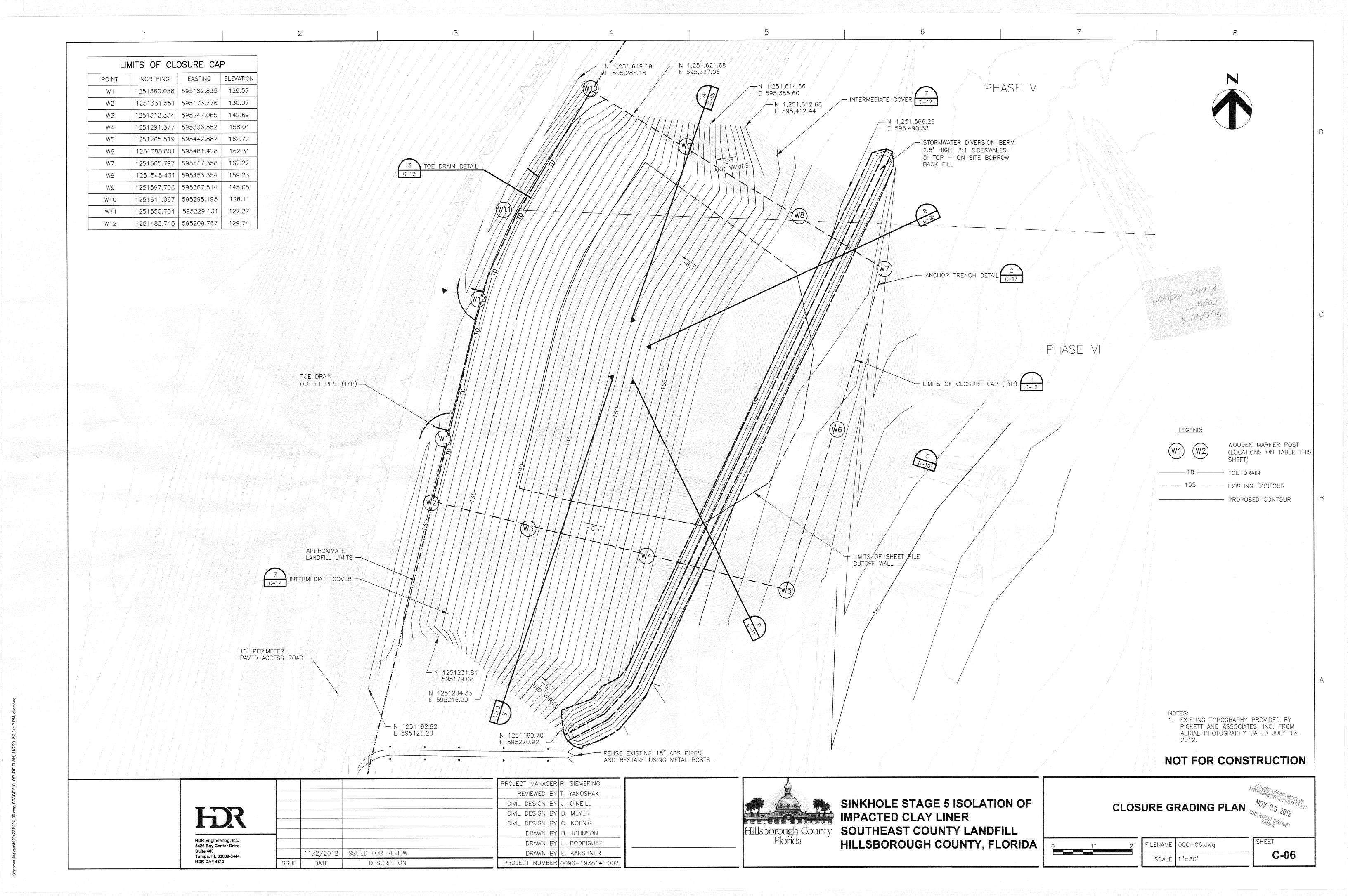


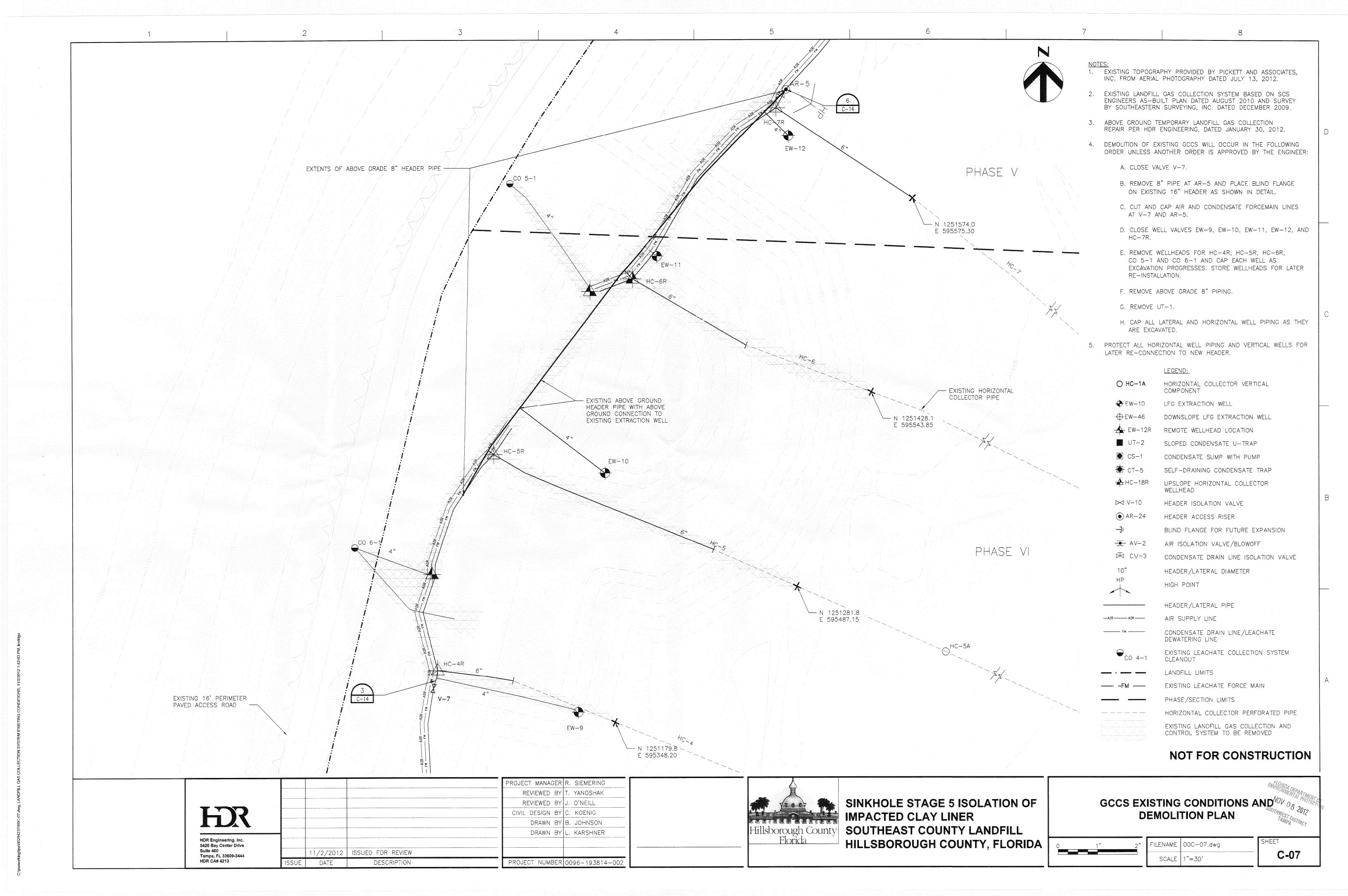


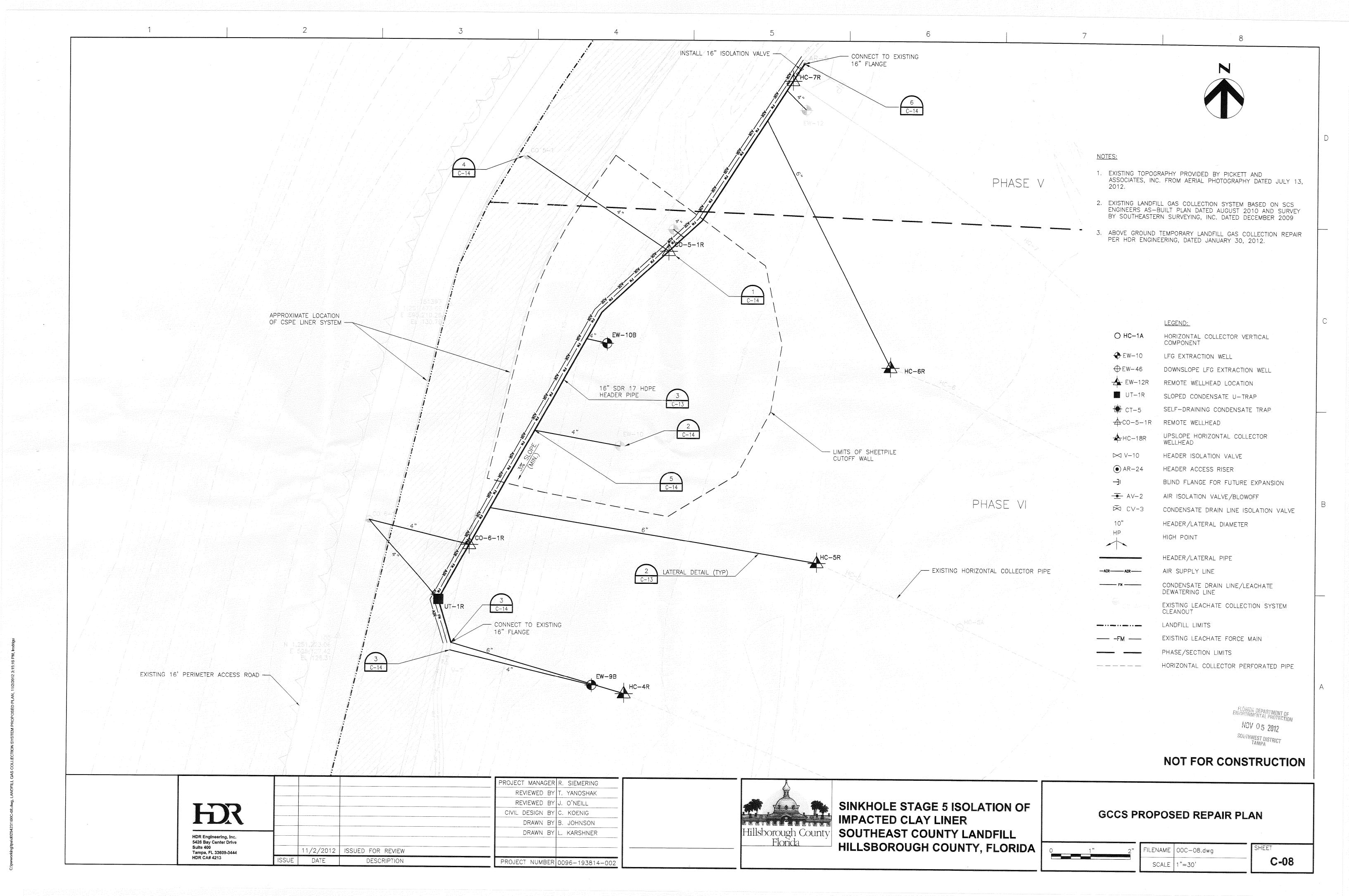
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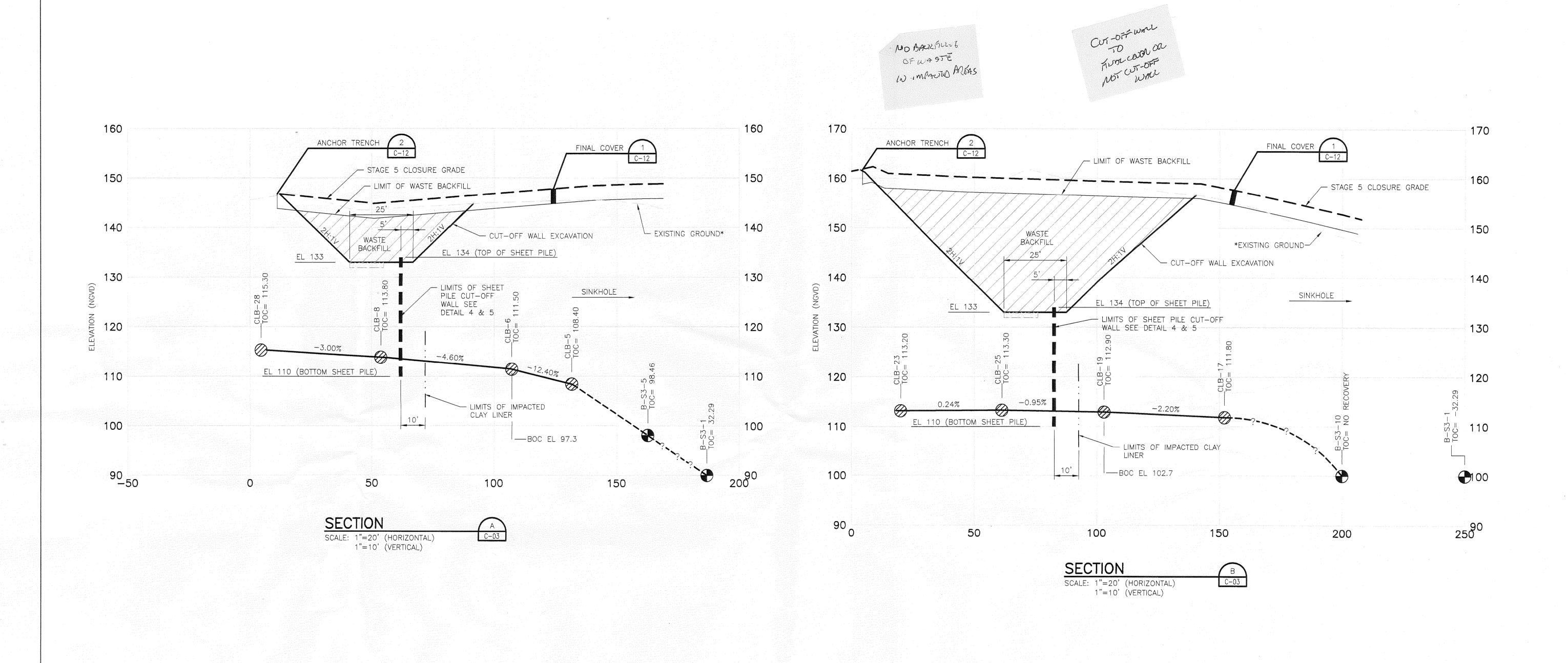






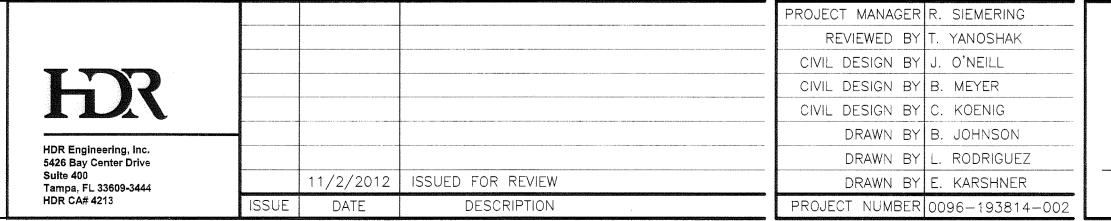






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NOT FOR CONSTRUCTION





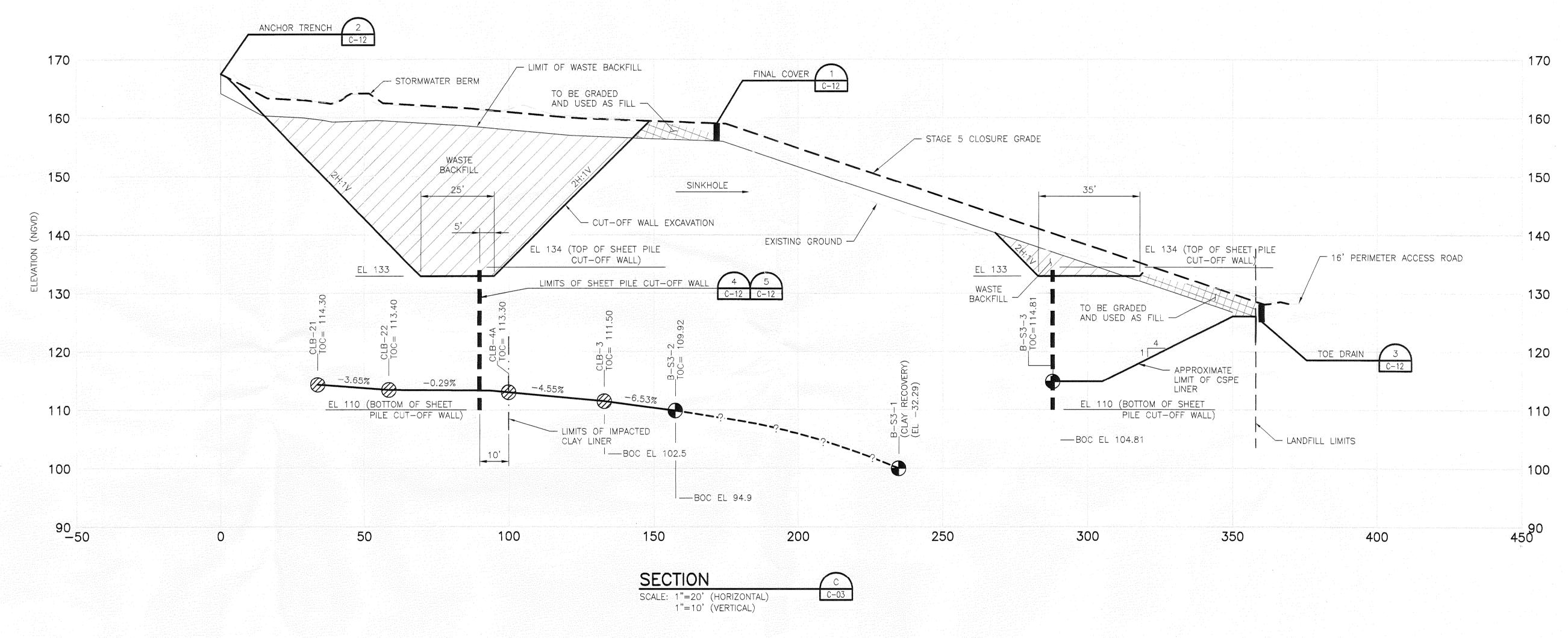
SINKHOLE STAGE 5 ISOLATION OF IMPACTED CLAY LINER SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA

CLAY LINER BORINGS SECTIONS A AND B

1" 2" FILENAME 00C-02_03.dwg
SCALE AS SHOWN

C-09

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NOV 05 2012
SOUTHWEST DISTRICT
TAMPA

NOT FOR CONSTRUCTION

HDR Engineering, Inc.
5426 Bay Center Drive
Sulte 400
Tampa, FL 33609-3444
HDR CA# 4213

| SUE | DATE | DESCRIPTION |
| PROJECT MANAGER R. SIEMERING |
| REVIEWED BY T. YANOSHAK |
| CIVIL DESIGN BY J. O'NEILL |
| CIVIL DESIGN BY C. KOENIG |
| CIVIL DESIGN BY C. KOENIG |
| DRAWN BY B. JOHNSON |
| DRAWN BY L. RODRIGUEZ |
| DRAWN BY E. KARSHNER |
| PROJECT NUMBER 0096-193814-002



SINKHOLE STAGE 5 ISOLATION OF IMPACTED CLAY LINER SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA

CLAY LINER BORINGS SECTION C

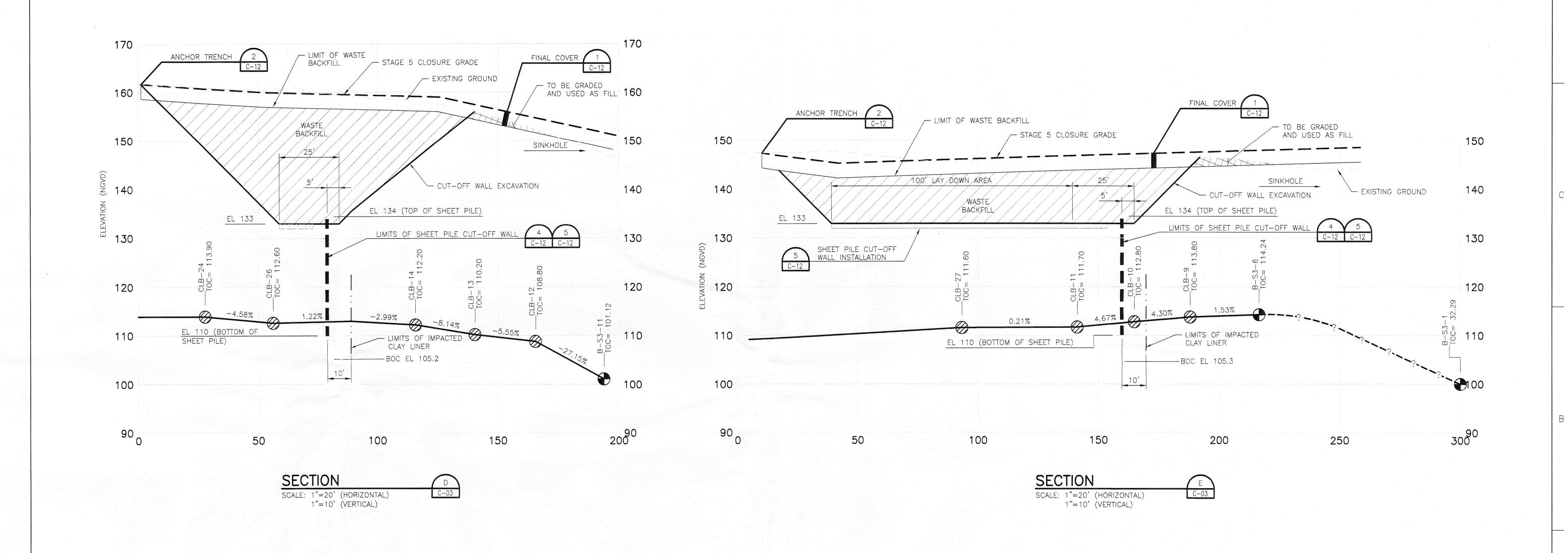
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1"	2"	FILENA
		SCA

LENAME 00C-02_03.dwg

SCALE AS SHOWN

SHEET **C-10**

* EXSTING GROUND ELEVATION AS OF JULY 13, 2012.
TOC — TOP OF WASTE PHOSPHATIC CLAY
BGC — BOTTOM OF WASTE PHOSPHATIC CLAY



ENVIRONMENTAL PROTECTION

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PROJECT MANAGER R. SIEMERING REVIEWED BY YANOSHAK CIVIL DESIGN BY . O'NEILL CIVIL DESIGN BY B. MEYER CIVIL DESIGN BY . KOENIG 3. JOHNSON DRAWN BY HDR Engineering, Inc. 5426 Bay Center Drive RODRIGUEZ DRAWN BY ISSUED FOR REVIEW 11/2/2012 DRAWN BY . KARSHNER Tampa, FL 33609-3444 HDR CA# 4213 DESCRIPTION PROJECT NUMBER 0096-193814-002 DATE

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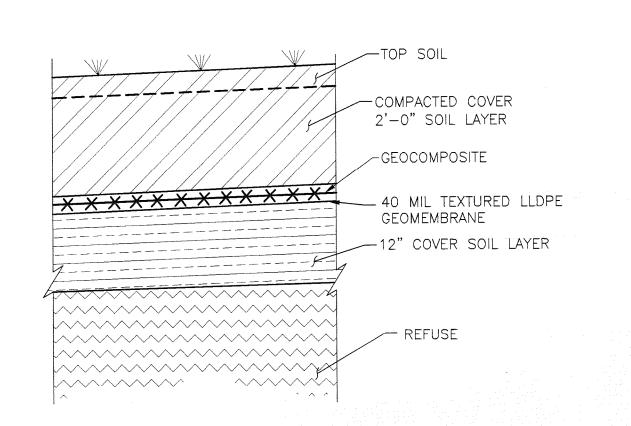
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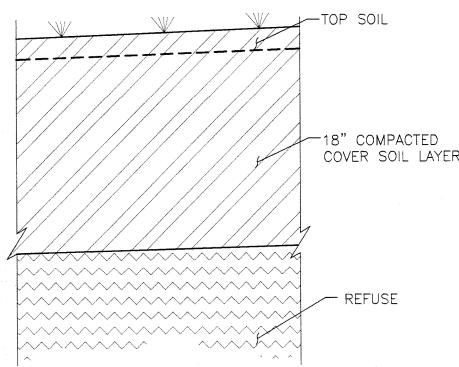
CLAY LINER BORINGS SECTIONS D & E

1" 2" F

SCALE AS SHOWN

C-11

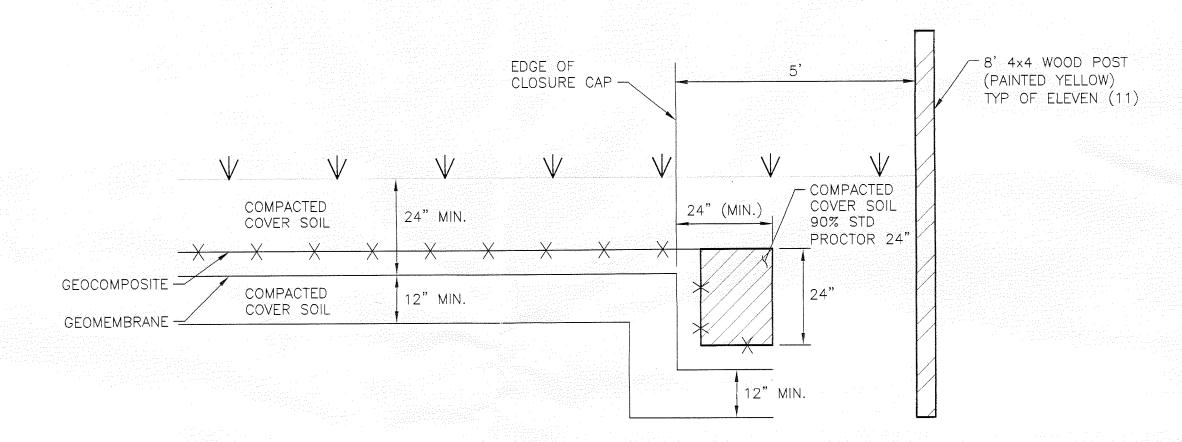




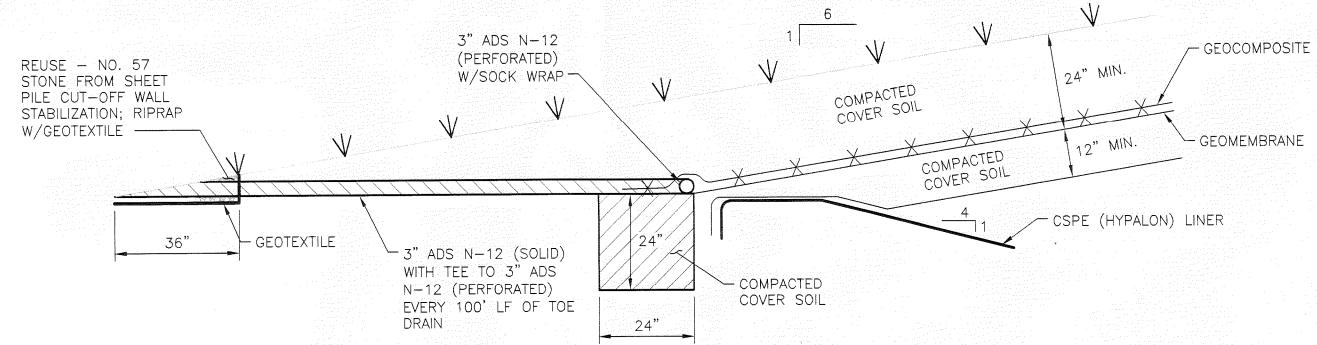
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HDR CA# 4213

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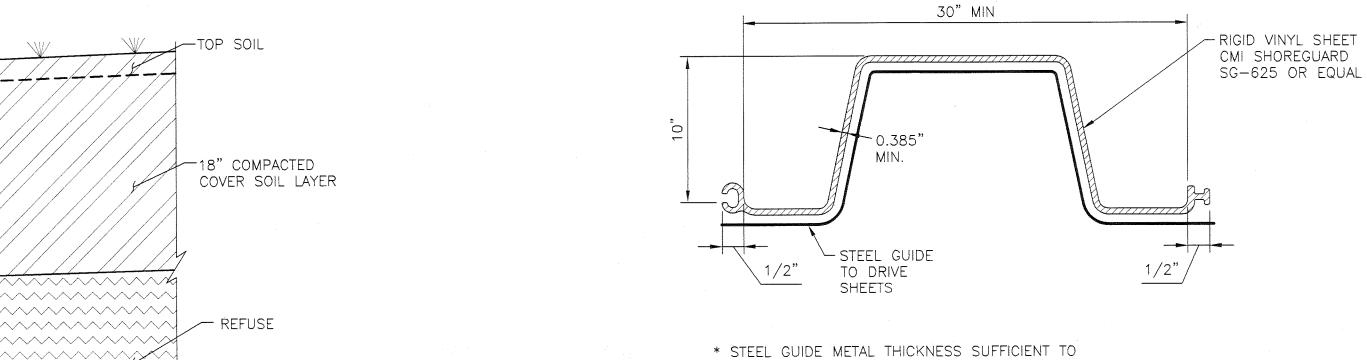


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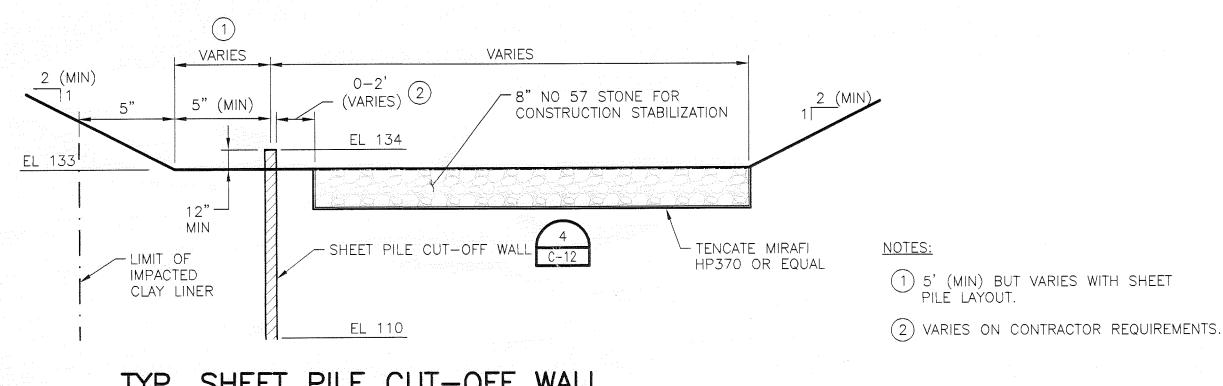
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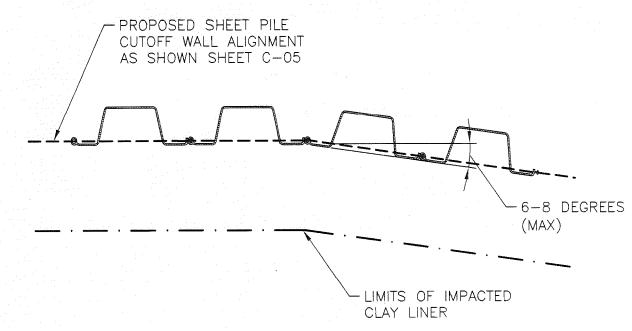


PENETRATE THROUGH MATERIALS SHOWN ON BORINGS.

TYPICAL SHEET PILE CUT-OFF WALL DETAIL
NOT TO SCALE



TYP. SHEET PILE CUT-OFF WALL INSTALLATION DETAIL NOT TO SCALE



SHEET PILE CUT-OFF WALL CORNER DETAIL

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ROJECT MANAGER R. SIEMERING REVIEWED BY T. YANOSHAK CIVIL DESIGN BY J. O'NEILL CIVIL DESIGN BY B. MEYER CIVIL DESIGN BY C. KOENIG DRAWN BY B. JOHNSON HDR Engineering, Inc. 5426 Bay Center Drive DRAWN BY L . RODRIGUEZ Suite 400 Tampa, FL 33609-3444 11/2/2012 ISSUED FOR REVIEW . KARSHNER

Hillsborough County Florida

SINKHOLE STAGE 5 ISOLATION OF **IMPACTED CLAY LINER** SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA **DETAIL SHEET 1**

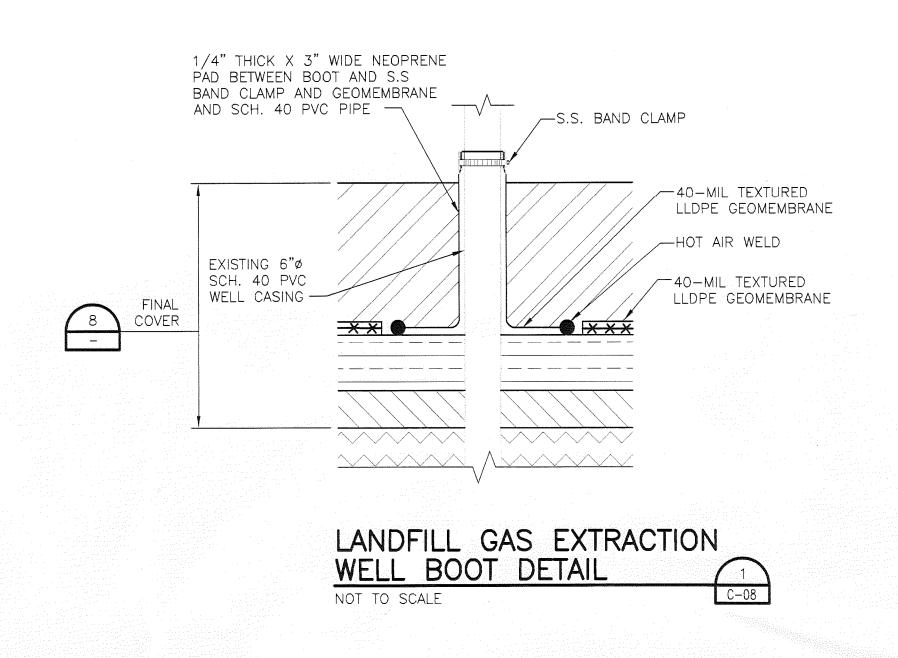
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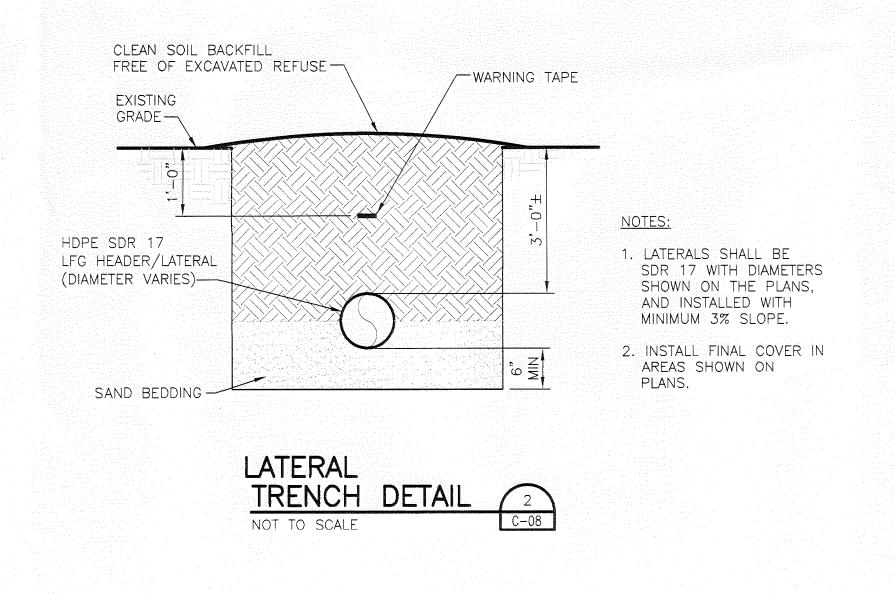
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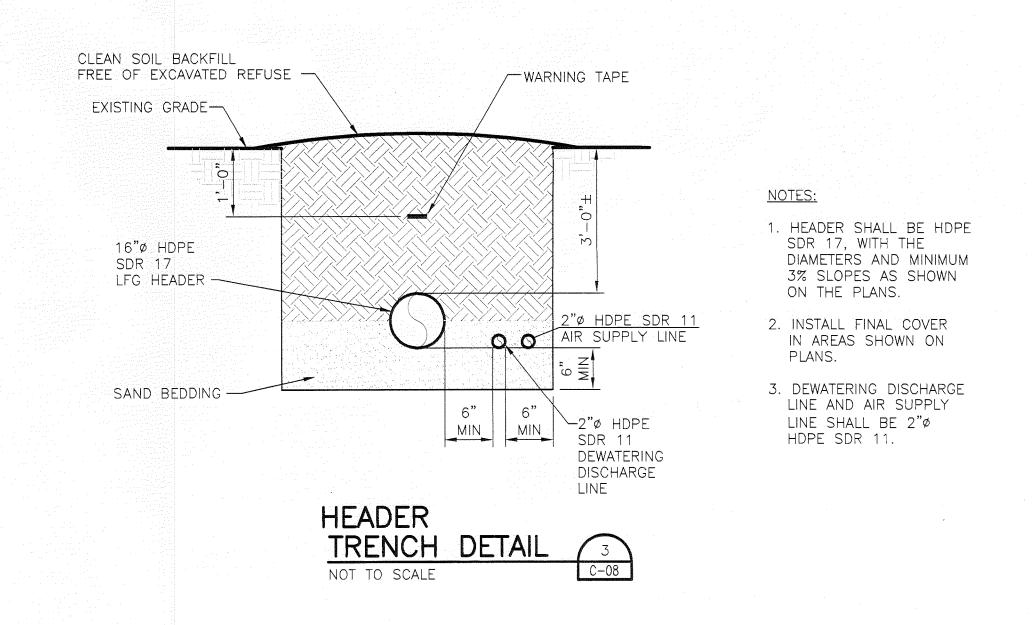
C-12

TYPICAL TOE DRAIN DETAIL NOT TO SCALE NOT TO SCALE

PROJECT NUMBER 0096-193814-002







NOT FOR CONSTRUCTION

PROJECT MANAGER R. SIEMERING REVIEWED BY T YANOSHAK REVIEWED BY J. O'NEILL CIVIL DESIGN BY KOENIG DRAWN BY B. JOHNSON DRAWN BY L. KARSHNER HDR Engineering, Inc. 5426 Bay Center Drive Suite 400 Tampa, FL 33609-3444 11/2/2012 ISSUED FOR REVIEW HDR CA# 4213 PROJECT NUMBER 0096-193814-002 DESCRIPTION DATE



SINKHOLE STAGE 5 ISOLATION OF IMPACTED CLAY LINER SOUTHEAST COUNTY LANDFILL HILLSBOROUGH COUNTY, FLORIDA

GCCS REPAIR DETAILS 1 NOV 0 5 2012

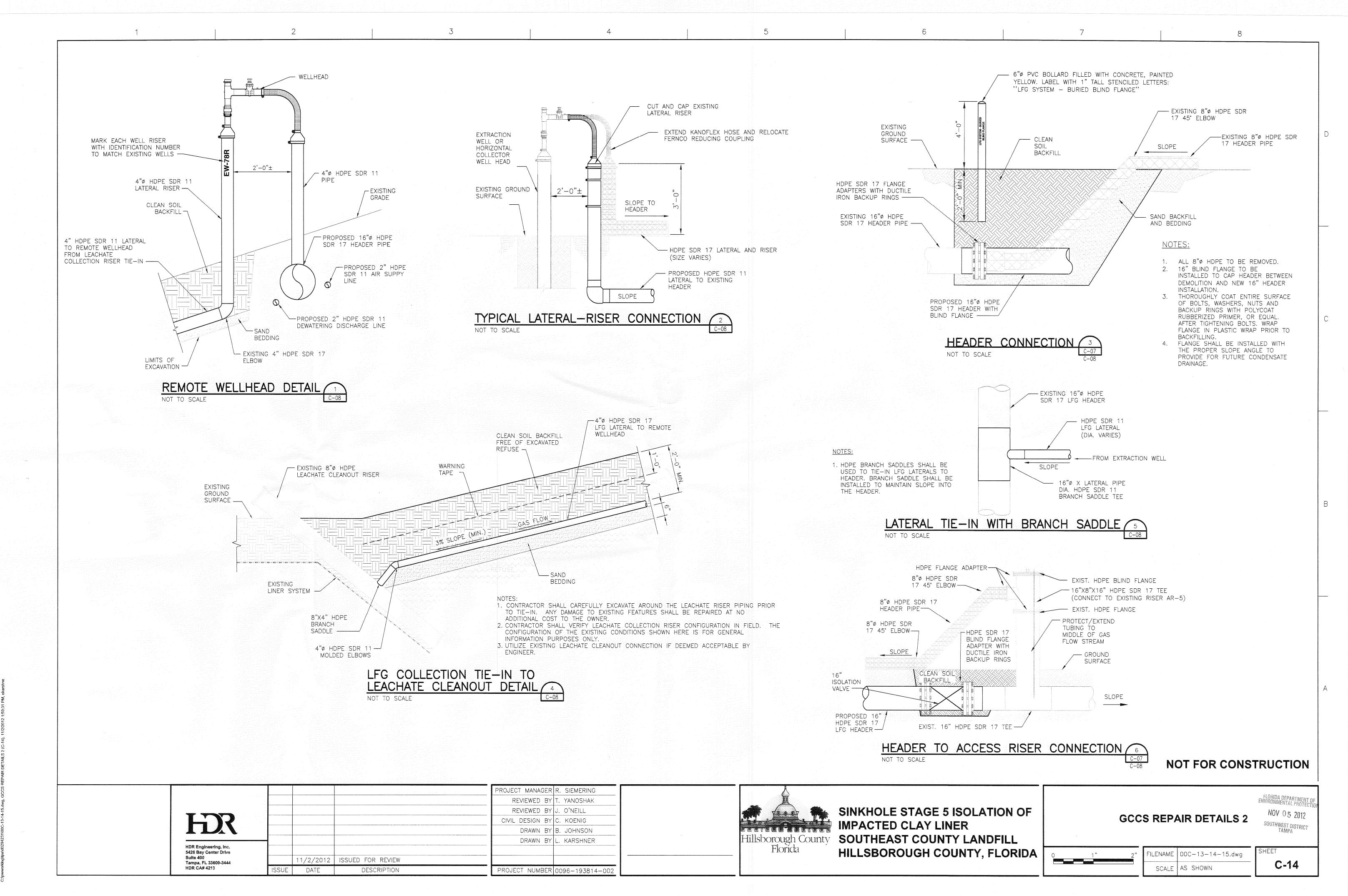
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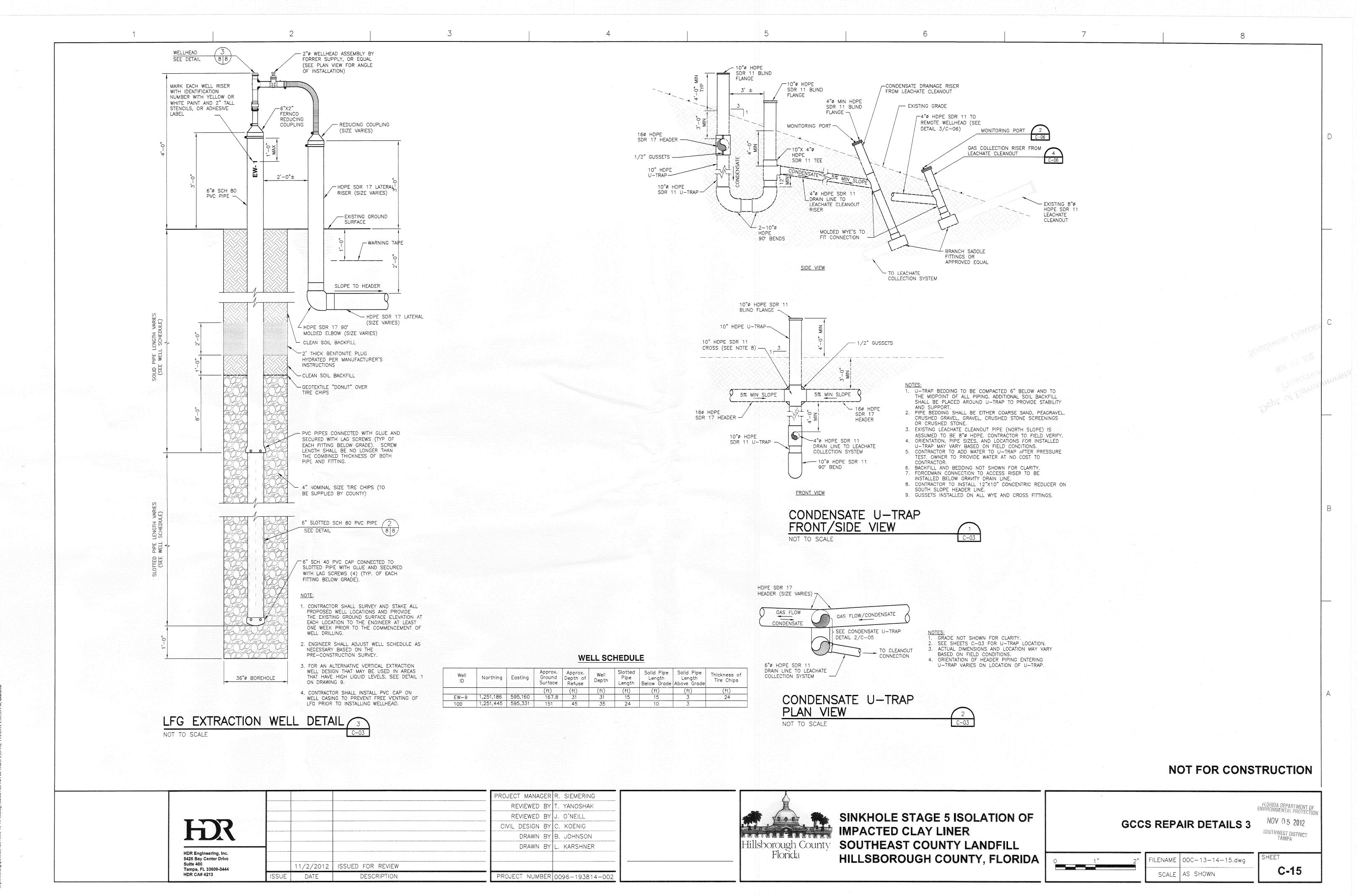
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SOUTHWEST DISTRICT TAMPA

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